



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5736

SERIAL NUMBER 10/032,419	FILING DATE 12/21/2001 RULE	CLASS 455	GROUP ART UNIT 2681	ATTORNEY DOCKET NO. 584-1048	
APPLICANTS John E. Hudson, Stansted, UNITED KINGDOM; Bassam M. Hashem, Nepean, CANADA;					
** CONTINUING DATA *****					
** FOREIGN APPLICATIONS *****					
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 01/28/2002					
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after met Allowance Verified and Acknowledged Examiner's Signature _____ Initials _____		STATE OR COUNTRY UNITED KINGDOM	SHEETS DRAWING 6	TOTAL CLAIMS 30	INDEPENDENT CLAIMS 11
ADDRESS William M. Lee, Jr. LEE, MANN, SMITH, MCWILLIAMS, SWEENEY & OHLSON P.O. Box 276 Chicago ,IL 60690-2786					
TITLE Methods and apparatus for transmitting and receiving data over a communications network in the presence of noise					
FILING FEE RECEIVED 1722	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		